

Appendix table 5-10

Top 100 academic institutions in S&E R&D expenditures, by source of funds: 2009

(Millions of current dollars)

Rank/academic institution	All sources	Federal government	State/local government	Industry	Academic institutions	All other sources
All institutions	54,935	32,588	3,647	3,197	11,198	4,305
1 Johns Hopkins University, The ^a (private)	1,856	1,588	9	37	97	126
2 University of Michigan, all campuses (public)	1,007	636	4	41	272	54
3 University of Wisconsin–Madison (public)	952	508	39	18	283	104
4 University of California–San Francisco (public)	948	484	30	65	165	204
5 University of California–Los Angeles (public)	890	468	23	47	199	154
6 University of California–San Diego (public)	879	511	36	62	134	136
7 Duke University (private)	805	439	23	184	97	63
8 University of Washington (public)	778	619	13	77	43	26
9 Pennsylvania State University, all campuses (public)	753	439	63	103	146	2
10 University of Minnesota, all campuses (public)	741	391	63	33	177	78
Total, top 10	9,610	6,082	303	667	1,613	946
11 Massachusetts Institute of Technology (private)	736	533	1	103	8	92
12 University of Pennsylvania (private)	727	499	17	47	62	101
13 Ohio State University, all campuses (public)	716	340	119	120	103	35
14 Stanford University (private)	704	478	24	58	67	77
15 University of California–Davis (public)	682	296	57	35	211	82
16 Cornell University, all campuses (private)	671	363	80	27	118	84
17 University of California–Berkeley (public)	652	262	45	71	171	102
18 University of Colorado, all campuses (public)	648	500	28	40	42	38
19 University of North Carolina–Chapel Hill (public)	646	432	61	12	141	*
20 Texas A&M University (public)	631	261	133	35	181	21
Total, top 20	16,424	10,046	869	1,216	2,716	1,577
21 Washington University in St. Louis (private)	628	414	19	36	90	70
22 University of Pittsburgh, all campuses (public)	623	463	17	10	99	35
23 University of Florida (public)	592	233	98	36	182	44
24 Columbia University in the City of New York (private)	590	483	16	13	56	21
25 University of Texas M. D. Anderson Cancer Center (public)	579	195	157	44	100	83
26 University of Arizona (public)	565	288	33	19	181	44
27 University of Illinois at Urbana-Champaign (public)	564	288	36	19	191	29
28 Georgia Institute of Technology, all campuses (public)	562	322	11	44	168	17
29 University of Southern California (private)	533	375	10	73	76	*
30 Northwestern University (private)	515	301	7	12	142	54
Total, top 30	22,175	13,408	1,273	1,520	4,001	1,973
31 Yale University (private)	509	379	6	17	28	80
32 University of Texas at Austin (public)	506	309	22	49	96	30
33 Harvard University (private)	462	386	3	19	*	55
34 Purdue University, all campuses (public)	454	175	50	67	161	1
35 Emory University (private)	449	296	8	24	100	21
36 Baylor College of Medicine (private)	449	267	2	18	64	97
37 Indiana University, all campuses (public)	441	198	6	23	150	63
38 University of Alabama at Birmingham, The (public)	432	300	*	21	83	26
39 Vanderbilt University (private)	432	336	1	6	56	32
40 Case Western Reserve University (private)	416	313	17	6	55	24
Total, top 40	26,725	16,367	1,388	1,772	4,795	2,403
41 University of Maryland at College Park (public)	409	247	23	11	118	10
42 University of Texas Southwestern Medical Center Dallas (public)	402	207	48	24	39	84
43 Louisiana State University, all campuses (public)	401	158	86	18	112	28
44 Virginia Polytechnic Institute and State University (public)	397	148	100	20	106	22
45 University of Rochester (private)	395	296	13	22	44	21
46 Scripps Research Institute, The (private)	382	288	4	24	47	19
47 North Carolina State University (public)	381	135	116	41	89	*
48 University of Chicago (private)	378	301	6	8	32	31
49 University of Kentucky, all campuses (public)	373	145	48	15	122	43
50 Michigan State University (public)	373	164	43	11	138	17
Total, top 50	30,617	18,458	1,873	1,966	5,642	2,678

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51 University of Nebraska, all campuses (public)	367	149	9	14	167	28
52 University of Maryland at Baltimore (public)	360	169	16	45	83	46
53 University of Cincinnati, all campuses (public)	357	229	24	10	77	17
54 Rutgers, The State University of New Jersey, all campuses (public)	352	162	38	13	101	38
55 University of Georgia (public)	350	107	38	6	187	12
56 California Institute of Technology (private)	342	306	2	9	5	21
57 University of Illinois at Chicago (public)	342	197	14	5	101	26
58 SUNY at Albany (public)	340	97	92	77	62	12
59 SUNY at Buffalo, all campuses (public)	338	152	20	21	100	45
60 University of Utah (public)	331	192	1	15	104	18
Total, top 60	34,095	20,217	2,126	2,182	6,630	2,940
61 University of Iowa (public)	330	252	4	15	36	22
62 University of California-Irvine (public)	325	177	17	16	68	47
63 Mt. Sinai School of Medicine (private)	318	265	6	13	8	26
64 Oregon Health & Science University (public)	310	234	6	16	30	24
65 University of South Florida (public)	309	191	32	20	61	5
66 New York University (private)	309	203	8	7	36	56
67 Colorado State University (public)	304	212	19	19	42	13
68 University of Hawaii at Manoa (public)	291	203	17	30	32	8
69 Washington State University (public)	286	96	52	9	116	13
70 University of Tennessee, all campuses (public)	285	156	45	14	56	14
Total, top 70	37,162	22,206	2,331	2,342	7,115	3,168
71 Arizona State University (public)	282	135	27	18	77	25
72 Boston University (private)	281	255	1	5	5	16
73 University of Virginia, all campuses (public)	262	218	1	8	18	17
74 SUNY at Stony Brook, all campuses (public)	258	107	23	5	114	8
75 Rockefeller University (private)	252	74	1	2	155	20
76 Wayne State University (public)	252	117	9	8	82	37
77 University of Miami (private)	248	172	5	25	15	32
78 University of Missouri-Columbia (public)	245	119	21	5	91	10
79 University of Kansas, all campuses (public)	226	127	6	4	78	10
80 University of Connecticut, all campuses (public)	225	121	9	8	72	15
Total, top 80	39,693	23,652	2,434	2,429	7,822	3,357
81 Iowa State University (public)	224	96	47	16	57	8
82 University of Medicine and Dentistry of New Jersey (public)	224	116	12	16	51	29
83 University of Texas Health Science Center San Antonio (public)	222	129	5	19	47	21
84 Carnegie Mellon University (private)	218	170	3	19	15	10
85 University of Texas Health Science Center Houston (public)	218	135	19	7	32	24
86 Mississippi State University (public)	217	103	33	8	73	*
87 Medical University of South Carolina (public)	217	114	1	13	81	8
88 University of California-Santa Barbara (public)	216	114	4	16	44	38
89 Oregon State University (public)	209	118	43	5	40	3
90 University of Massachusetts-Worcester (public)	204	146	5	14	21	18
Total, top 90	41,860	24,893	2,605	2,562	8,283	3,516
91 University of New Mexico main campus (public)	202	133	5	5	53	5
92 Wake Forest University (private)	201	144	18	17	8	13
93 Princeton University (private)	201	129	1	6	52	13
94 University of Oklahoma, all campuses (public)	197	96	18	15	55	13
95 Florida State University (public)	195	117	16	1	54	6
96 Yeshiva University (private)	193	137	*	2	39	15
97 Uniformed Services University of the Health Sciences (public)	192	124	*	*	50	18

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98 Dartmouth College (private)	189	134	1	3	40	12
99 University of South Carolina, all campuses (public)	187	108	2	5	57	16
100 Clemson University (public)	186	55	19	15	92	4
Total, top 100	43,804	26,071	2,686	2,632	8,783	3,632

* = <\$500,000

^aThe Johns Hopkins University includes Applied Physics Laboratory, with \$978 million in total R&D expenditures and \$921 million in federally financed R&D expenditures.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Research and Development Expenditures at Universities and Colleges: FY 2009.

Science and Engineering Indicators 2012